

Abstract

The invention resides in providing a windmill for highly efficient wind power generation by enabling to efficiently rotate the windmill even in starting or at a low wind speed region by improving a blade of a vertical shaft type windmill of a lift type.

In a windmill for wind power generation in which a plurality of blades are provided in parallel with a rotating shaft in a face orthogonal to the vertical rotating shaft at constant angles centering on the rotating shaft, the blade is of a blade type having a high lift coefficient at low Reynolds number and a notch portion is formed at a rear edge portion of a lower face of the blade.